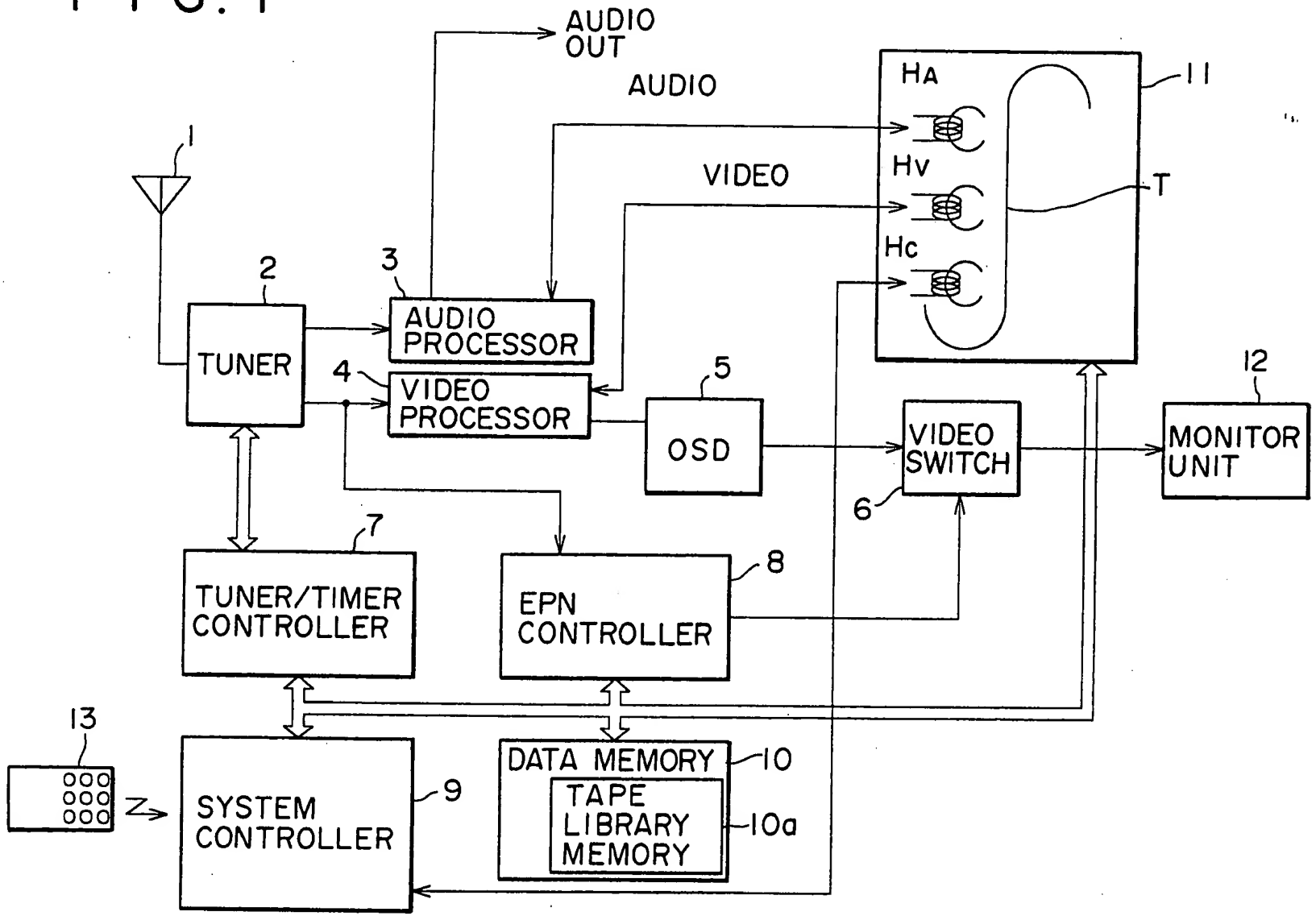
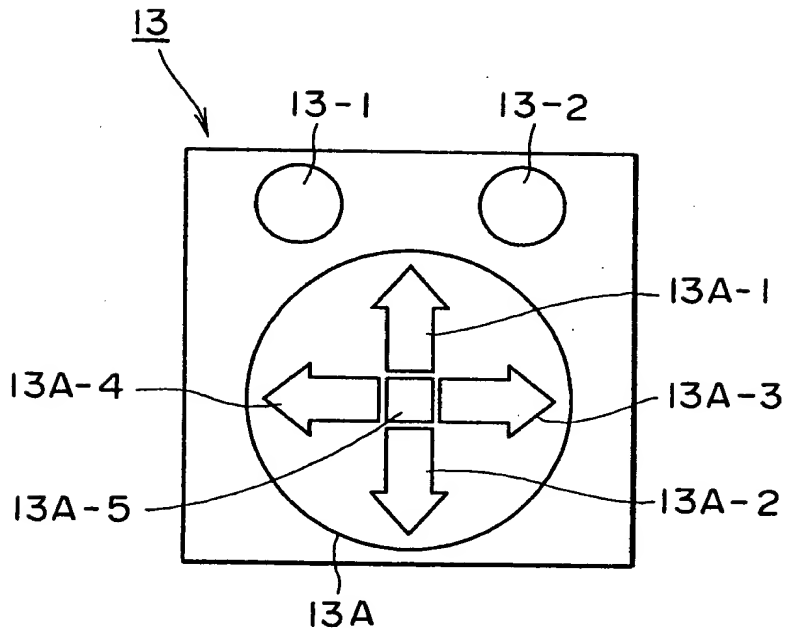
APPROVED BY DRAFTSMAN
O.G. FIG.
CLASS SUBCLASS

FIG. 1



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 2



APPROVED
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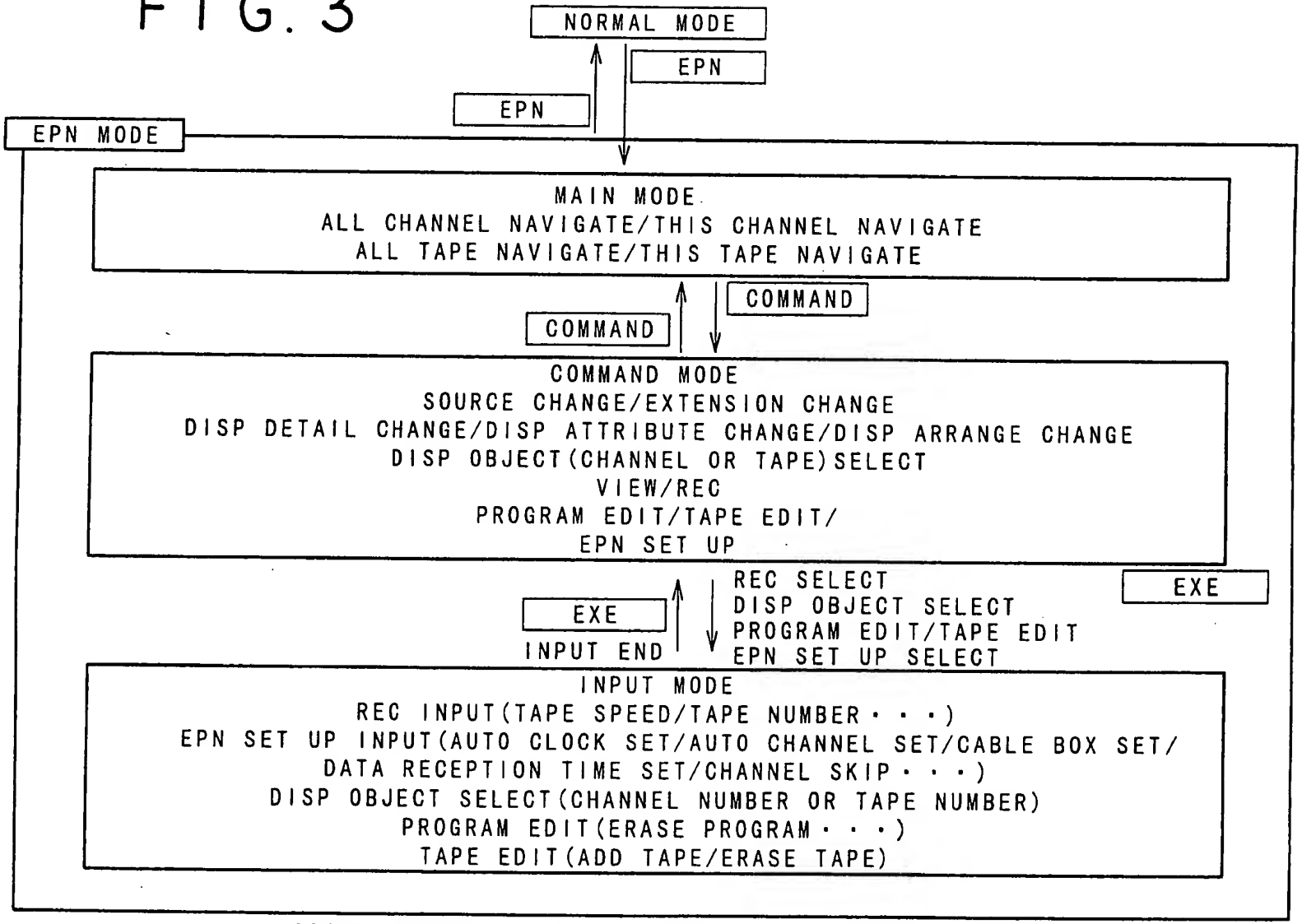
O.G. FIG.
CLASS
SUBCLASS

FIG. 3



MODE TRANSITION IN EMBODIMENT

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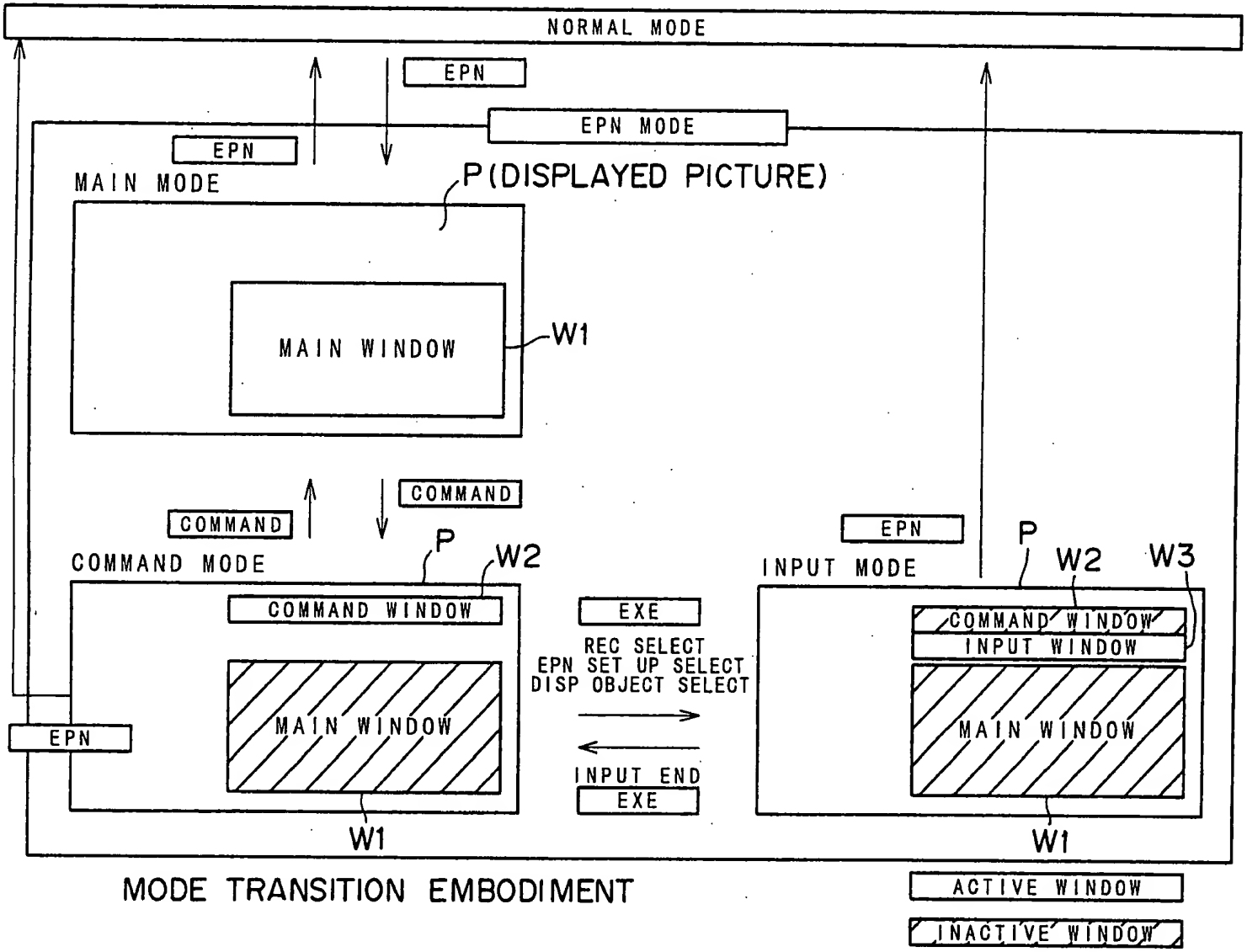
O.G. FIG.
CLASS
SUBCLASS

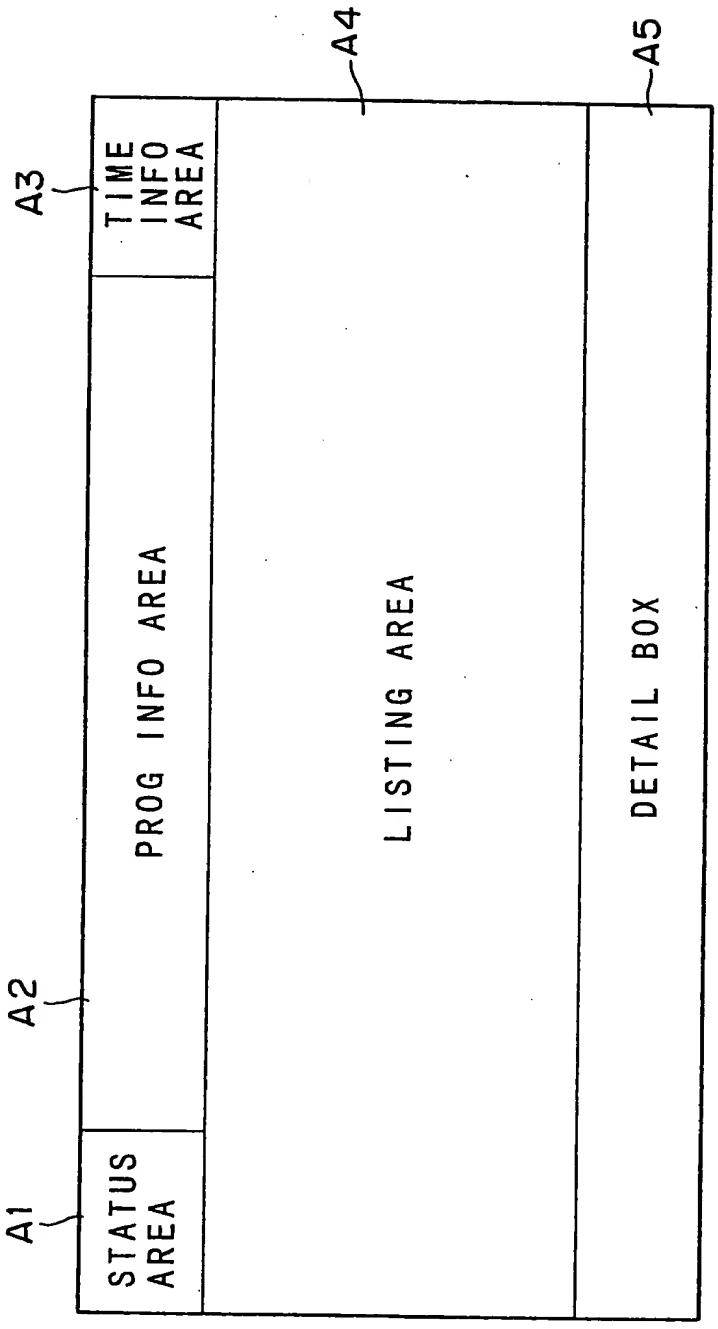
FIG. 4



MODE TRANSITION EMBODIMENT

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 5A



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O.G. FIG.
CLASS
SUBCLASS

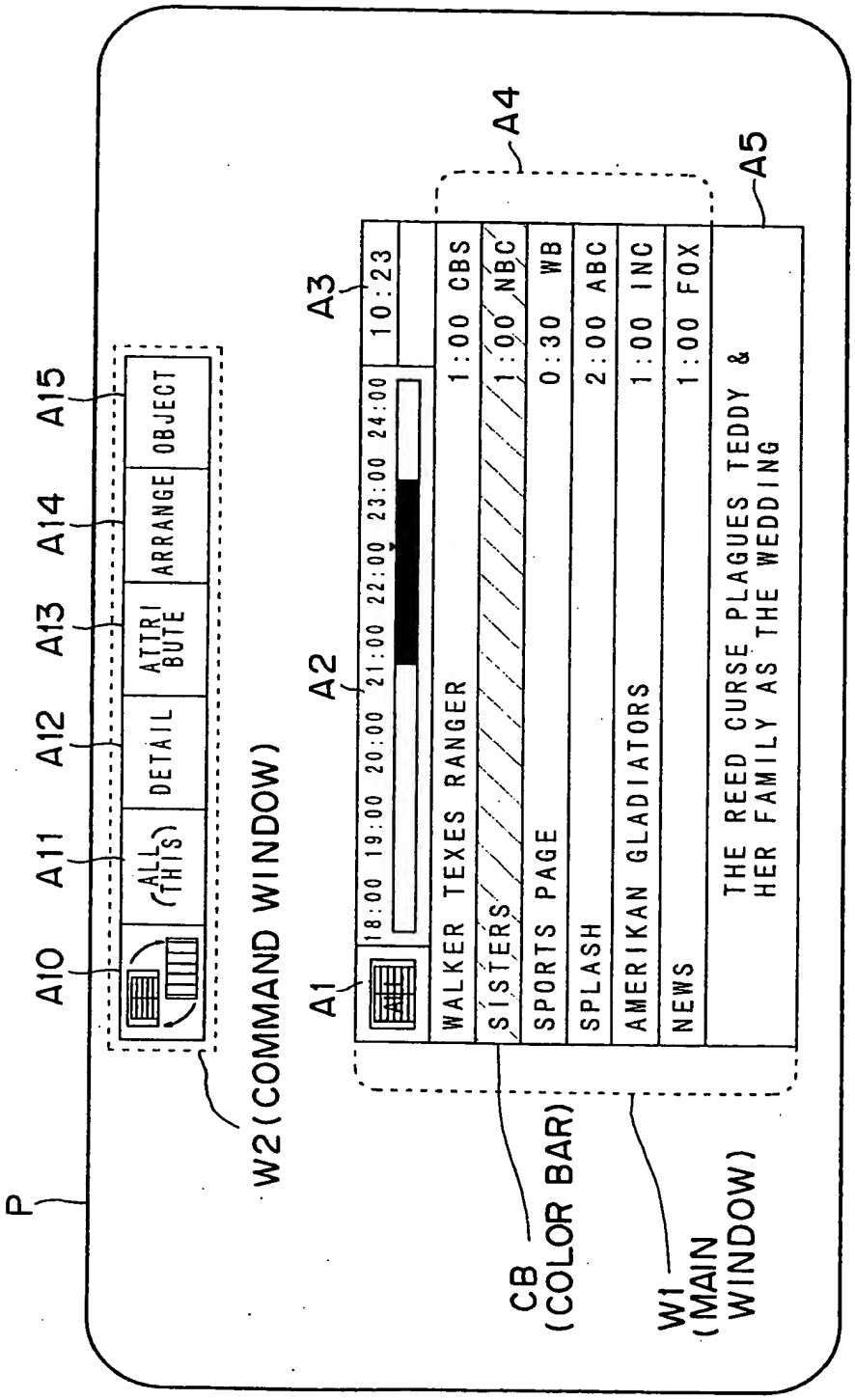
FIG. 5B

CONTENTS OF DEFINITIONS IN MAIN WINDOW

		ALL CHANNEL NAVIGATE	THIS CHANNEL NAVIGATE	ALL TAPE NAVIGATE	THIS TAPE NAVIGATE
STATUS AREA	DISPLAY EPN STATUS	"ALL CHANNEL"	"THIS CHANNEL"	"ALL TAPE"	"THIS TAPE"
PROG INFO AREA	DISPLAY INFO OF PROGRAM SELECTED IN LISTING AREA	PROGRAM BROADCAST CHANNEL NO.; PROGRAM START/ END TIMES	PROGRAM BROADCAST CHANNEL NO.; PROGRAM START/ END TIMES	PROGRAM BROADCAST TAPE NO.; PROGRAM START/ END POSITIONS	PROGRAM BROADCAST TAPE NO.; PROGRAM START/ END POSITIONS
TIME INFO AREA	DISPLAY CURRENT TIME	CURRENT TIME	CURRENT TIME	CURRENT TIME	CURRENT TIME
LISTING AREA	DISPLAY PROGRAM INFO (ONE PROGRAM PER ROW)	PROGRAM NAME/LENGTH (OR START TIME); BROADCAST CHANNEL	PROGRAM NAME/LENGTH (OR START TIME); BROADCAST CHANNEL	PROGRAM NAME/LENGTH (OR START POSITION); TAPE NO.	PROGRAM NAME/LENGTH (OR START POSITION); TAPE NO.
DETAIL BOX	DISPLAY CONTENT OF PROGRAM SELECTED IN LISTING AREA	1ST DETAIL	1ST DETAIL	NON-DISPLAY	NON-DISPLAY

APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

FIG. 6



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 7A

ALL CHANNEL NAVIGATE

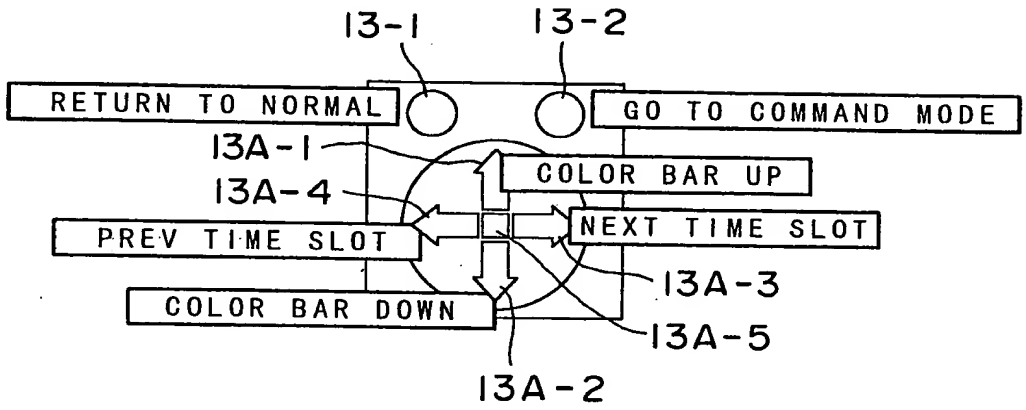
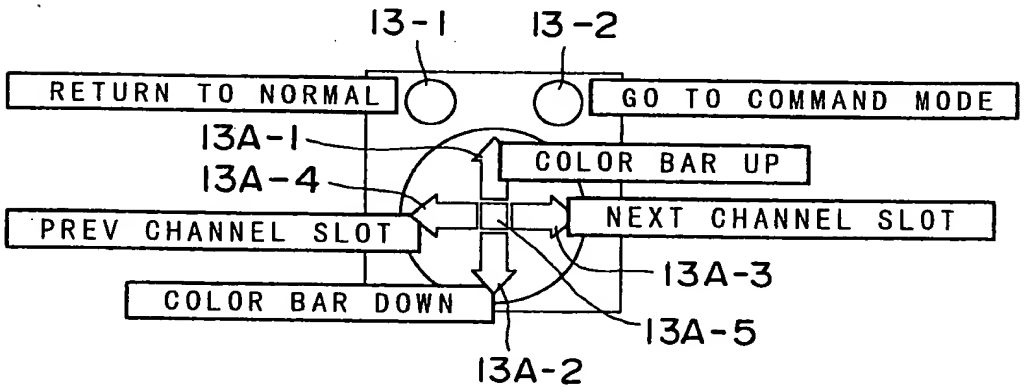


FIG. 7B

THIS CHANNEL NAVIGATE



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 7C

ALL TAPE NAVIGATE

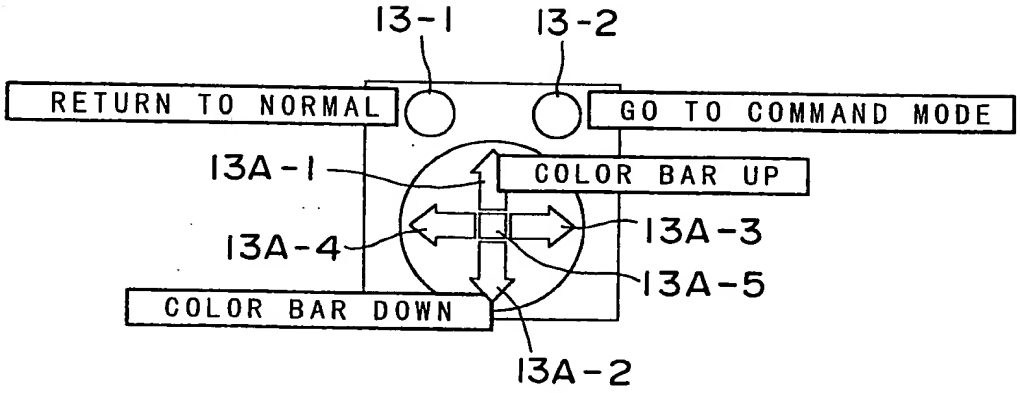
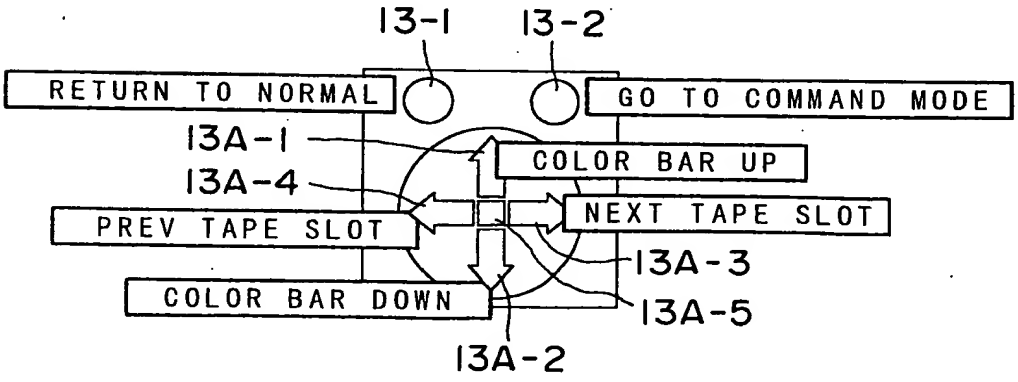


FIG. 7D

THIS TAPE NAVIGATE



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O.G. FIG.
CLASS
SUBCLASS

FIG. 8A

COMMAND_0MODE

A10	A11	A12	A13	A14	A15	A16	A17
COMMAND_0_0 ICON	COMMAND_0_1 ICON	COMMAND_0_2 ICON	COMMAND_0_3 ICON	COMMAND_0_4 ICON	COMMAND_0_5 ICON	COMMAND_0_6 ICON	COMMAND_0_7 ICON

COMMAND_1MODE

A10	A11	A12	A13	A14	A15	A16	A17
COMMAND_1_0 ICON	COMMAND_1_1 ICON	COMMAND_1_2 ICON	COMMAND_1_3 ICON	COMMAND_1_4 ICON	COMMAND_1_5 ICON	COMMAND_1_6 ICON	COMMAND_1_7 ICON

APPROVED BY
DRAFTSMAN
O.G. FIG.
CLASS
SUBCLASS

FIG. 8B

CONTENTS OF DEFINITIONS IN COMMAND WINDOW

COMMAND NO.		
0_0	SOURCE CHANGE	CHANGE CHANNEL NAVIGATE AND TAPE LIBRARY NAVIGATE
0_1	EXTENSION CHANGE	CHANGE ALL AND THIS
0_2	DISP DETAIL ON/OFF	TURN ON/OFF DISPLAY OF DETAIL
0_3	DISP ATTRIBUTE CHANGE	CHANGE DISPLAYED PROGRAM TIME INFO(PROGRAM LENGTH←→SRART TIME) IN LISTING AREA
0_4	DISP ARRANGE CHANGE	CHANGE PROGRAM ORDER(SPELL←→DATE) IN LISTING AREA
0_5	DISP OBJECT CHANGE	SELECT SOURCE IN LISTING AREA
0_6	NOT DEFINITION	
0_7	NOT DEFINITION	
1_0	VIEW	VIEW PROGRAM SELECTED IN LISTING AREA
1_1	REC	RECORD PROGRAM SELECTED IN LISTING AREA
1_2	EPN SET UP	SET UP EPN
1_3	PROGRAM EDIT	EDIT PROGRAM SELECTED IN LISTING AREA
1_4	TAPE EDIT	EDIT TAPE(SELECTED IN LISTING AREA)
1_5	NOT DEFINITION	
1_6	NOT DEFINITION	
1_7	NOT DEFINITION	

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 8C

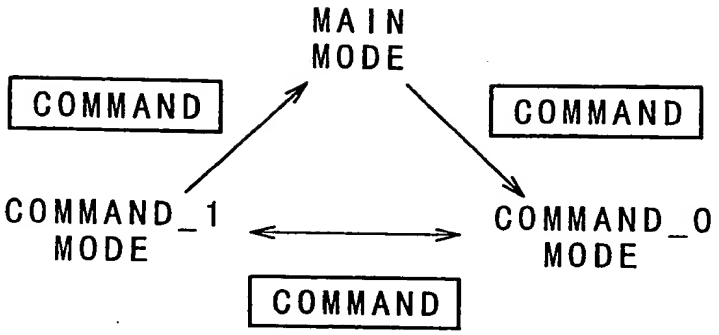


FIG. 9A

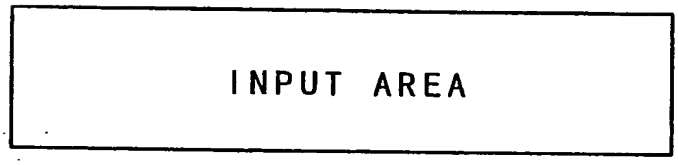
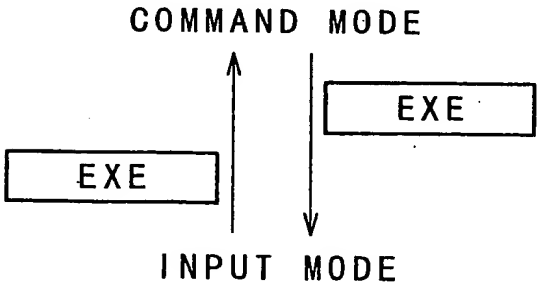


FIG. 9C



APPROVED BY DRAFTSMAN
O.G. FIG.
CLASS
SUBCLASS

FIG. 9B

CONTENTS OF DEFINITIONS IN INPUT WINDOW

COMMAND		ALL CHANNEL NAVIGATE	THIS CHANNEL NAVIGATE	ALL TAPE NAVIGATE	THIS TAPE NAVIGATE
DISP OBJECT CHANGE	SELECT SOURCE IN LISTING AREA	×	INPUT CHANNEL NO.	×	INPUT TAPE NO.
REC	RECORD PROGRAM SELECTED IN LISTING AREA	TAPE SPEED/TAPE NUMBER/RECORDING START POSITION ON TAPE	TAPE SPEED/TAPE NUMBER/RECORDING START POSITION ON TAPE	DESIRED PROGRAM/ TAPE SPEED/ RECORDING START POSITION ON TAPE	DESIRED PROGRAM/ TAPE SPEED/ RECORDING START POSITION ON TAPE
PROGRAM EDIT	EDIT PROGRAM SELECTED IN LISTING AREA	×	×	×	×
TAPE EDIT	EDIT TAPE (SELECTED IN LISTING AREA)	×	×	×	×
EPN SET UP	SET UP EPN	AUTO CLOCK SET/ AUTO CHANNEL SET /CABLE BOX SET/ DATA RECEPTION TIME SET/CHANNEL SKIP	AUTO CLOCK SET/ AUTO CHANNEL SET /CABLE BOX SET/ DATA RECEPTION TIME SET/CHANNEL SKIP	AUTO CLOCK SET/ AUTO CHANNEL SET /CABLE BOX SET/ DATA RECEPTION TIME SET/CHANNEL SKIP	AUTO CLOCK SET/ AUTO CHANNEL SET /CABLE BOX SET/ DATA RECEPTION TIME SET/CHANNEL SKIP

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 10A

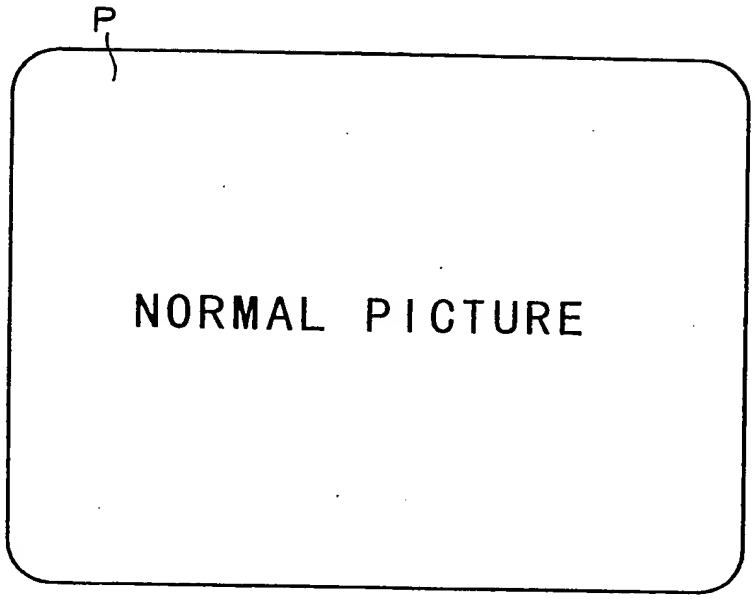
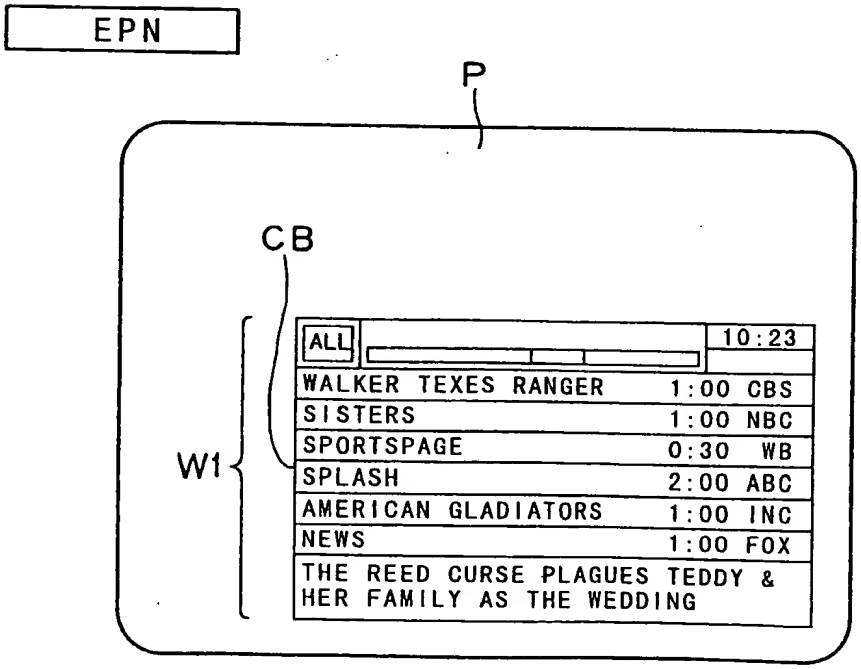


FIG. 10B



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 10C

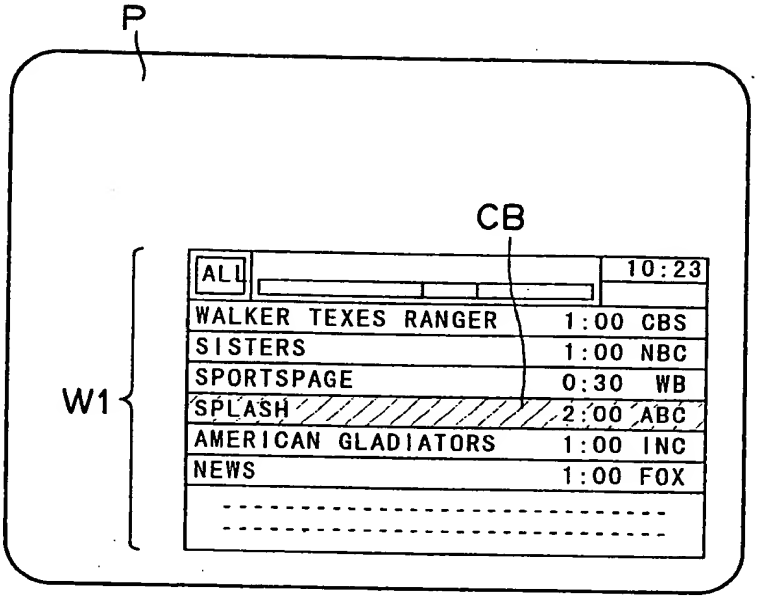


FIG. 10D

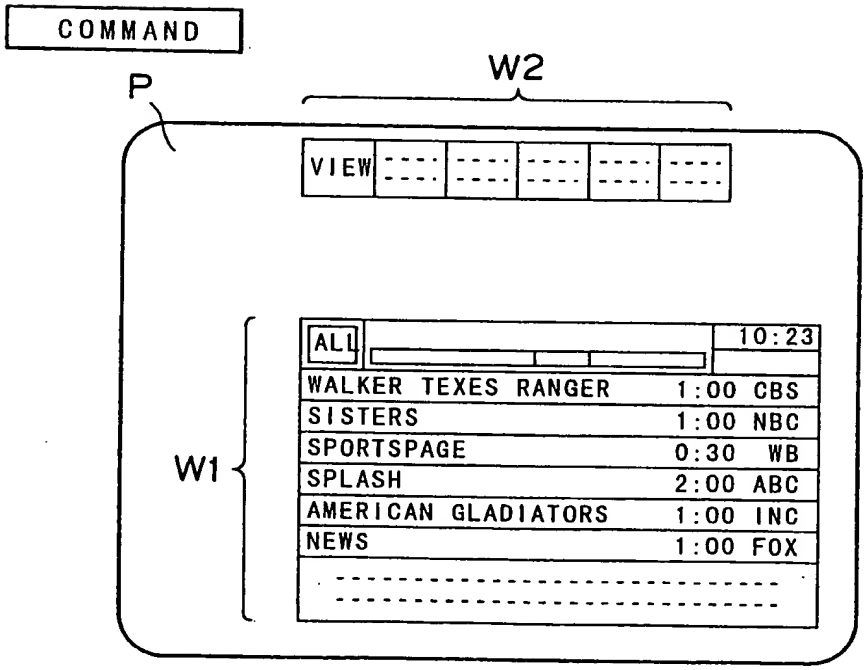


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FIG. 10E

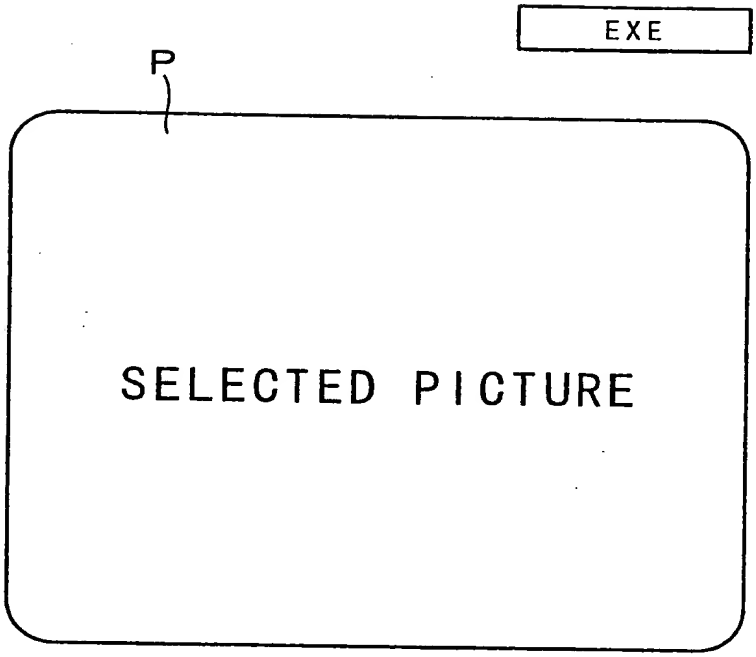

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FIG. 11A

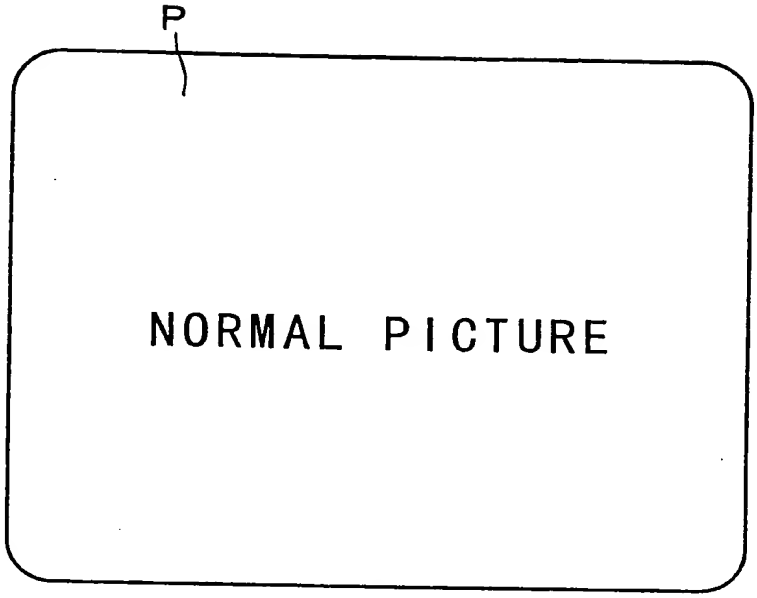
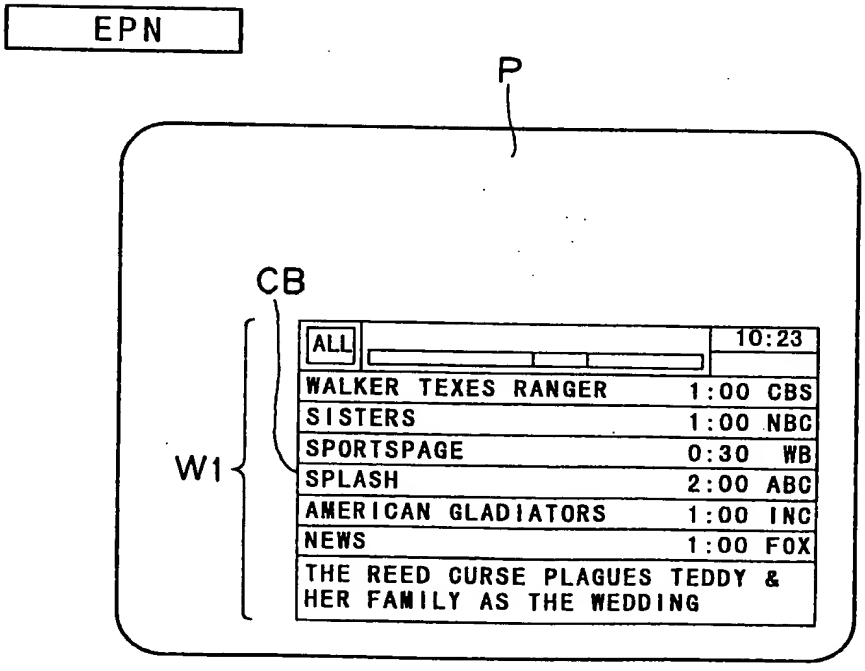


FIG. 11B



APPROVED | O.G. FIG.
BY | CLASS | SUBCLASS
DRAFTSMAN

FIG. 11C

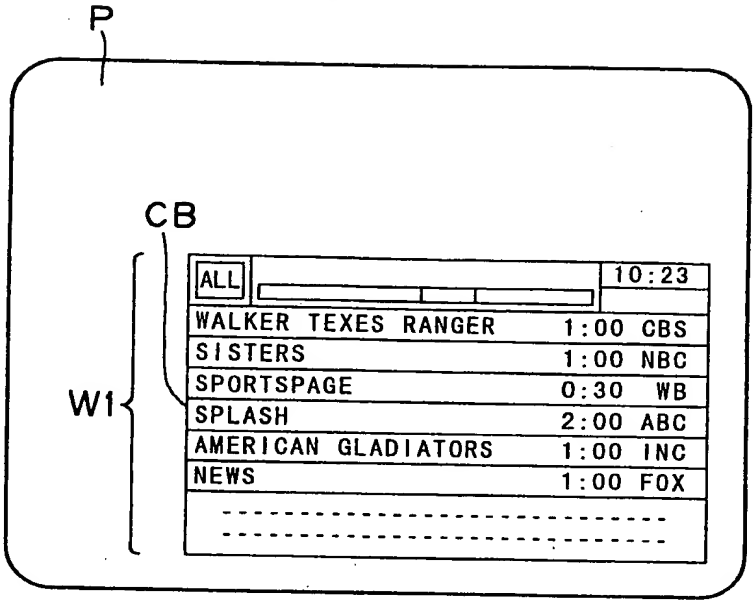
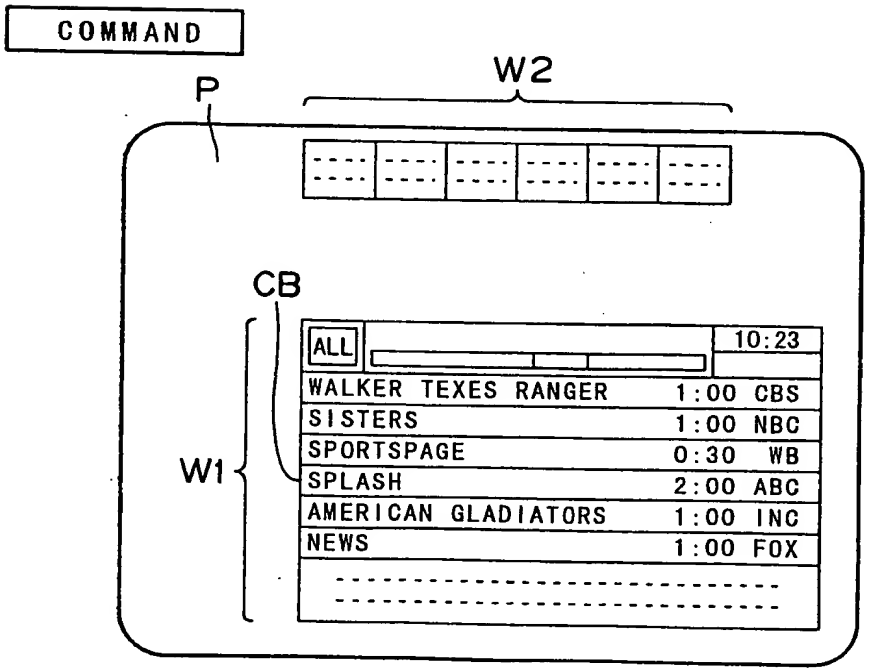


FIG. 11D



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APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 11E

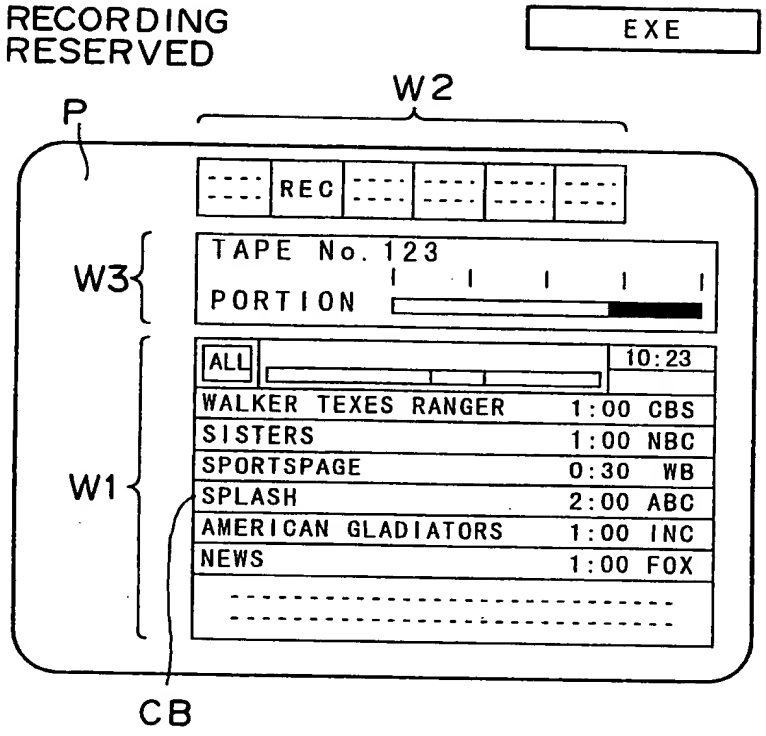
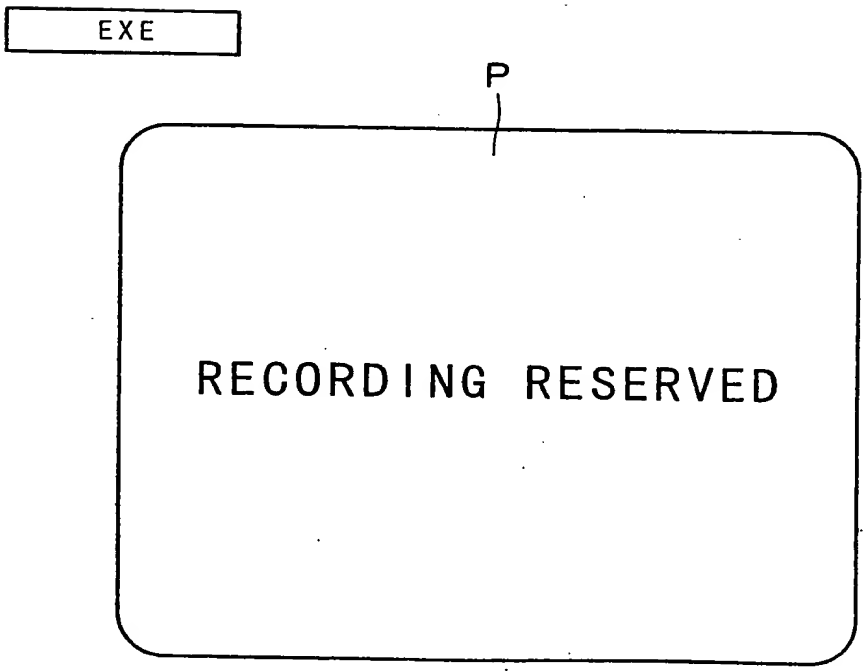


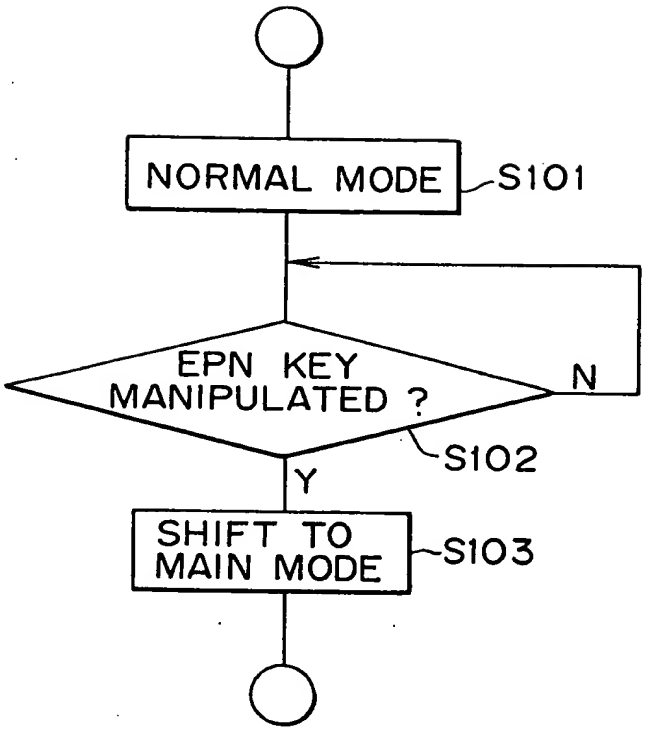
FIG. 11F



6,542,254

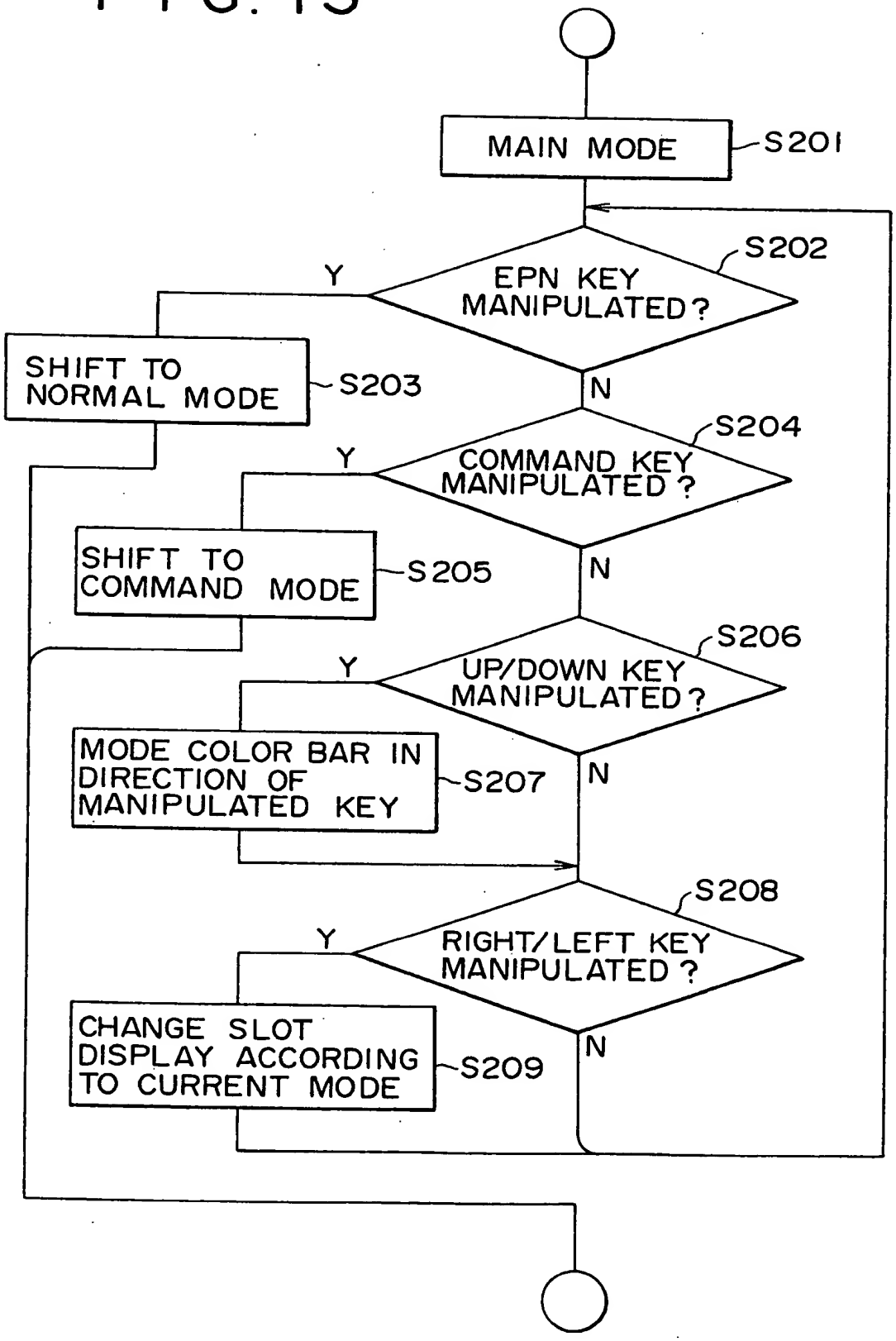
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 12



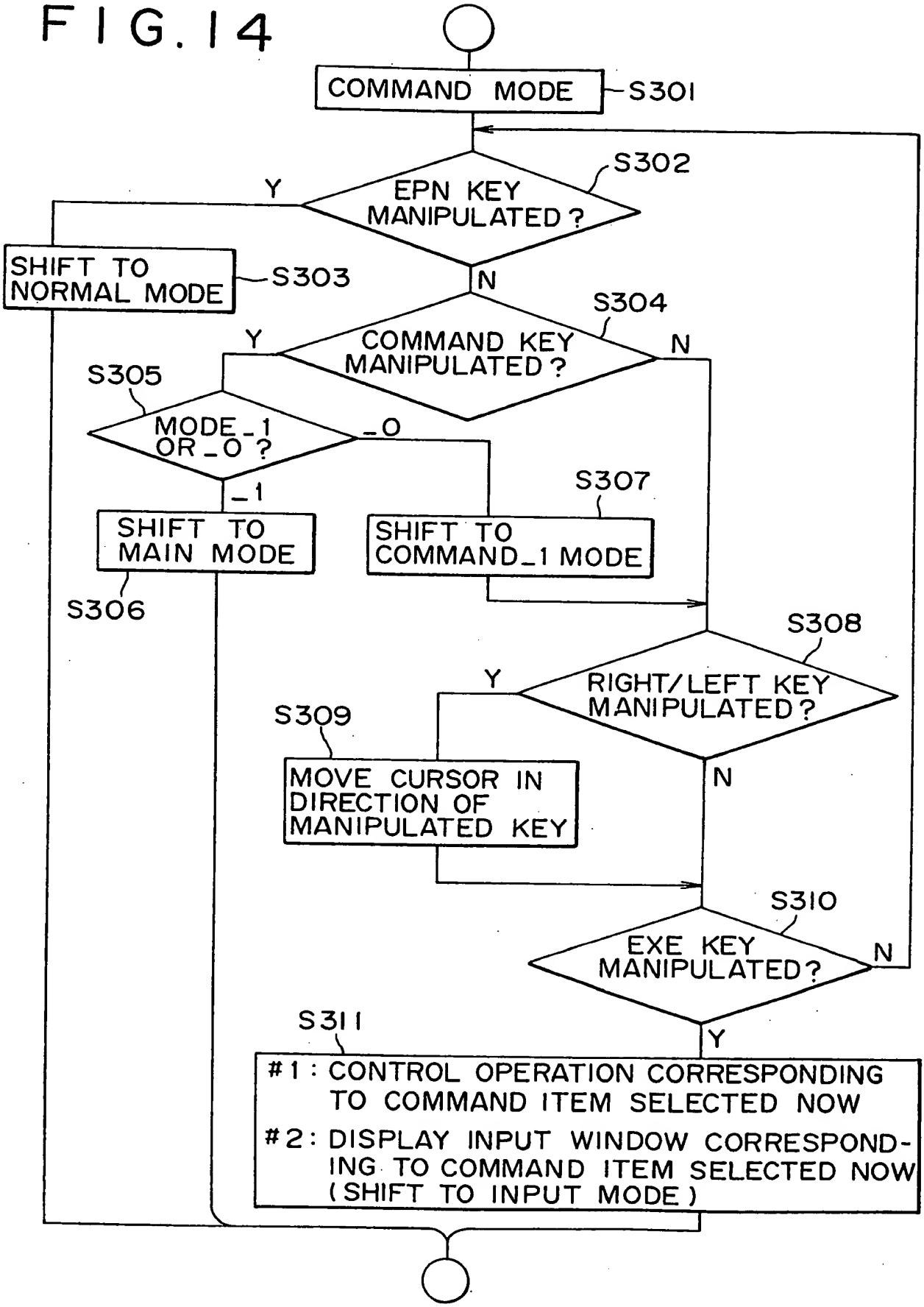
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 13



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 14



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

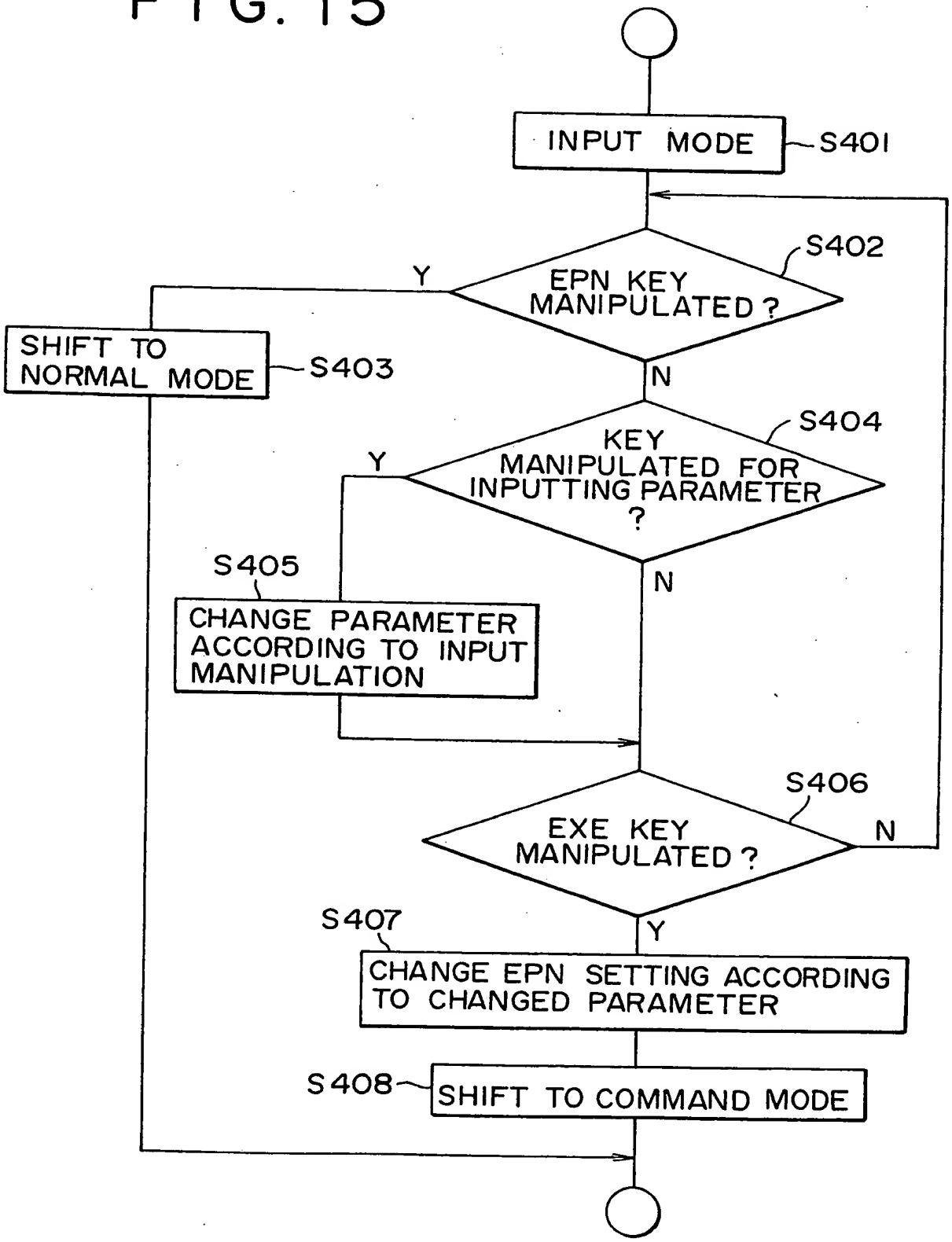



FIG. 15